

```
def dfs(graph, start, visited=None):
```

```
    if visited is None:
```

```
        visited = set()
```

```
    visited.add(start)
```

```
    print(start)
```

```
    for next in graph[start] - visited:
```

```
        dfs(graph, next, visited)
```

```
    return visited
```

```
graph = {'0': set(['1', '2']),
```

```
        '1': set(['0', '3', '4']),
```

```
        '2': set(['0']),
```

```
        '3': set(['1']),
```

```
        '4': set(['2', '3'])}
```

```
dfs(graph, '0')
```